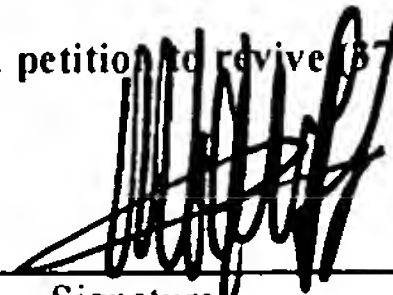


<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 2003946-0221 (HEAT-CIP/US NATL)
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Not yet assigned 72871
INTERNATIONAL APPLICATION NO. PCT/US2004/030921	INTERNATIONAL FILING DATE September 22, 2004	PRIORITY DATE CLAIMED September 22, 2003
TITLE OF INVENTION <b>HEMIASTERLIN DERIVATIVES AND USES THEREOF</b>		
APPLICANT(S) FOR DO/EO/US <b>KOWALCZYK, et al.</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).  <b>Publication WO 2005/030794 A2 (311 pp., including front page)</b></li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). (<b>Appendix A 25 pp</b>)</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. )</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment. (<b>12 pp.</b>)</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information:           <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Certificate of Express Mailing (<b>1 pg</b>)</li> <li><input type="checkbox"/> Notification of International Application No. and Filing Date ( pg.)</li> <li><input checked="" type="checkbox"/> International Search Report (<b>11 pp.</b>)</li> </ul> </li> </ol>		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) Not yet assigned		INTERNATIONAL APPLICATION NO. PCT/US2004/030921		ATTORNEY'S DOCKET NUMBER 2003946-0221	
21. The following fees are submitted:				Applicant use	Office use only
<input checked="" type="checkbox"/> a) Basic national fee ..... \$300.00				\$ 300.00	
<input checked="" type="checkbox"/> b) Examination fee ..... \$200.00				\$ 200.00	
<input checked="" type="checkbox"/> c) Search fee (International Search Report prepared by an ISA other than the US) ..... \$400.00				\$ 400.00	
TOTAL OF ABOVE CALCULATIONS = ..... \$900.00				\$ 900.00	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
311 - 100 =	211/50 =	5	x \$250.00	\$1,250.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	37- 20 =	17	17 x \$50.00	\$ 850.00	
Independent claims	4 - 3 =	1	1 x \$200.00	\$ 200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) YES			\$360.00	\$ 360.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 3,690.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$ 3,690.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f))				\$ 0.00	
TOTAL NATIONAL FEE =				\$ 3,690.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 0.00	
TOTAL FEES ENCLOSED =				\$ 3,690.00	
Amount to be refunded					\$
Amount to be charged					\$3,690.00
a. <input type="checkbox"/> A check in the amount of \$.00 to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. 03-1721 in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1721. A duplicate of this sheet is enclosed.					
d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Patent Group Choate, Hall & Stewart LLP Two International Place Boston, Massachusetts 02110 Tel: 617-248-5000 Fax: 617-248-4000 Dated: March 21, 2006			<div style="text-align: center;">           Signature          Nadège M. Lagneau, Ph.D.          Name          51,908          Registration Number       </div>		

- ☒ Return Postcard
- ☐ Notification of Receipt of Record Copy ( pg., incl. cover sheets)
- ☐ Notification Concerning Submission or Transmittal of Priority Document ( pg.)
- ☐ Statement Under 37 CFR § 1.821 ( pg.)
- ☐ Paper Copy of Sequence Listing ( pg.)
- ☒ Credit Card Payment Form (1 pg)

1104542871  
**IAP20 Rec'd PCT PTO 21 MAR 2006**

**CERTIFICATE OF EXPRESS MAILING**

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Signature  
Mary B. Wilson

Printed Name

**ATTORNEY DOCKET NO. 2003946-0221 (HEAT-CIP/US NATL)  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kowalczyk, et al.  
U.S. Serial No: Not yet assigned  
Filed: March 21, 2006  
From Int. Appl. No.: PCT/US2004/030921  
Intl Filing Date: September 22, 2004  
Priority: 10/667,864, filed September 22, 2003  
Title: HEMIASTERLIN DERIVATIVES AND USES THEREOF

Mail Stop PCT  
Commissioner For Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450


Sir:

**Customer No. 24280**

**CERTIFICATE OF EXPRESS MAILING**

"Express Mail" mailing label number: EV 694840382 US  
Date of Deposit: March 21, 2006

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\_\_\_\_\_  
Signature  
Mary B. Wilson  
\_\_\_\_\_  
Printed Name

**TRANSMITTAL LETTER**

Enclosed herewith please find the documents listed below:

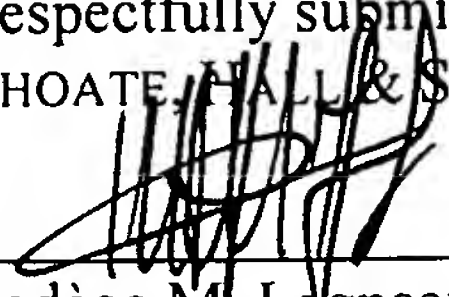
1. Transmittal Letter to the United States Designated Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. § 371 in duplication (6 pp);
2. Copy of the Published International Application WO2005/030794 A2 (311 pp);
3. Preliminary Amendment (12 pp);
4. Copy of the International Search Report (11 pp);
5. Appendix A-Copy of Article 19 Amendment (25 pp)
6. Certificate of Express Mail (1 pg);
7. Credit Card Payment Form in the amount of \$ 3,690.00 representing the Filing Fee for new '371 application; and
8. Return Post Card.

AP26 No. 03-1721 10/572874  
MAR 2006

Please charge any fees associated with this filing, or apply any credits, to our Deposit Account No. 03-1721.

Respectfully submitted,  
CHOATE, HALL & STEWART LLP

Dated: March 21, 2006

  
Nadège M. Lagneau, Ph.D.  
Reg. No.: 51,908

PATENT DEPARTMENT  
CHOATE, HALL & STEWART LLP  
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Boston, MA 02110  
Tel: (617) 248-5000  
Fax: (617) 248-4000

2003946-0221  
AP20 Res'd CIP/PTO 21 MAR 2006

**ATTORNEY DOCKET NO. 2003946-0221 (HEAT-CIP/US NATL)  
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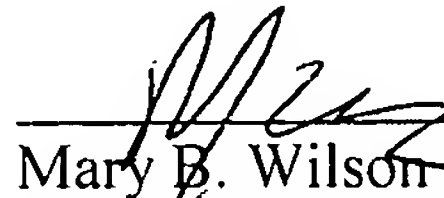
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March 21, 2006.

  
Mary B. Wilson  
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